PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS AND CLASS LABORATORIES

TABLE 7

   The statistics which reflect percent of student utilization are extremely valuable when planning new facilities. They provide a general guide for the need for various sizes of classrooms and laboratories. The comparison between how well the teaching facilities accommodate the size of the classes being conducted in them is helpful; however, the ratio does not indicate how efficiently the facilities are being used. It must be noted that data in Table 7 only include rooms which are in use (scheduled), and is, therefore, an indication of how the capacity of the room is matched to the number of students in the class.

   The percent of student station utilization is derived from the ratio of the total student hours of instruction to the potential student hours of instruction. The total student hours of instruction is defined as the enrollment of the class multiplied by the hours the class meets per day which is then multiplied by the number of days per week the class meets. The potential student hours of instruction is defined as the number of hours that the course meets each week, rounded to the nearest half hour, multiplied by the number of days per week the class meets. This figure is then multiplied by the capacity of the room.

   Norm: Classrooms - 60% Student Station Utilization
          Laboratories - 80% Student Station Utilization

   Percent Student Station Utilization $=$ $\dfrac{\text{Total Student Hours of Instruction}}{\text{Potential Student Hours of Instruction}}$

As we continue with the sample data:

ENROLL-MENT	ROOM TYPE		CAPACITY	
33	110	3 days * 1 hour * 33 = 99	50	3 days * 1 hour * 50 = 150
40	110	2 days * 1.5 hr * 40 = 120	50	2 days * 1.5 hr * 50 = 150
46	110	3 days * 1 hour * 46 = 138	50	3 days * 1 hour * 50 = 150
26	110	2 days * 1.5 hr * 26 = 78	50	2 days * 1.5 hr * 50 = 150
52	110	3 days * 1 hour * 52 = 156	50	3 days * 1 hour * 50 = 150
45	110	3 days * 1 hour * 45 = 135	50	3 days * 1 hour * 50 = 150
54	110	2 days * 1.5 hr * 54 = 162	50	2 days * 1.5 hr * 50 = 150

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26       110     3 days * 1 hour * 26 =  78    50      3 days * 1 hour * 50 =  150
30       110     3 days * 1 hour * 30 =  90    50      3 days * 1 hour * 50 =  150
39       110     2 days * 1.5 hr * 39 = 117    50      2 days * 1.5 hr * 50 =  150
                                        -----                                 -----
                                 TOTALS 1,173                                 1,500

17       210     1 day  * 3 hrs  * 17 =  51    24      1 day  * 3 hrs  * 24 =   72
14       210     1 day  * 3 hrs  * 14 =  42    24      1 day  * 3 hrs  * 24 =   72
25       210     3 days * 1 hour * 25 =  75    40      1 day  * 3 hrs  * 40 =  120
35       210     3 days * 1 hour * 35 = 105    40      1 day  * 3 hrs  * 40 =  120
30       210     2 days * 1.5 hr * 30 =  90    40      1 day  * 3 hrs  * 40 =  120
29       210     1 day  * 3 hrs  * 29 =  87    40      1 day  * 3 hrs  * 40 =  120
21       210     1 day  * 3 hrs  * 21 =  63    40      1 day  * 3 hrs  * 40 =  120
22       210     1 day  * 3 hrs  * 22 =  66    40      1 day  * 3 hrs  * 40 =  120
13       210     1 day  * 3 hrs  * 13 =  39    24      1 day  * 3 hrs  * 24 =   72
16       210     1 days * 3 hrs  * 16 =  48    24      1 day  * 3 hrs  * 24 =   72
                                        ----                                  -----
                                 TOTALS  666                                  1,008
```

Total Student Hours in Classrooms =   1173
--   -------- = .782 or 78%
    Capacity in Classrooms   =   1500

Total Student Hours in Class Laboratories =   666
---   -------- = .660 or 66%
    Capacity in Class Laboratories   =   1008

The report for one institution would look like this:

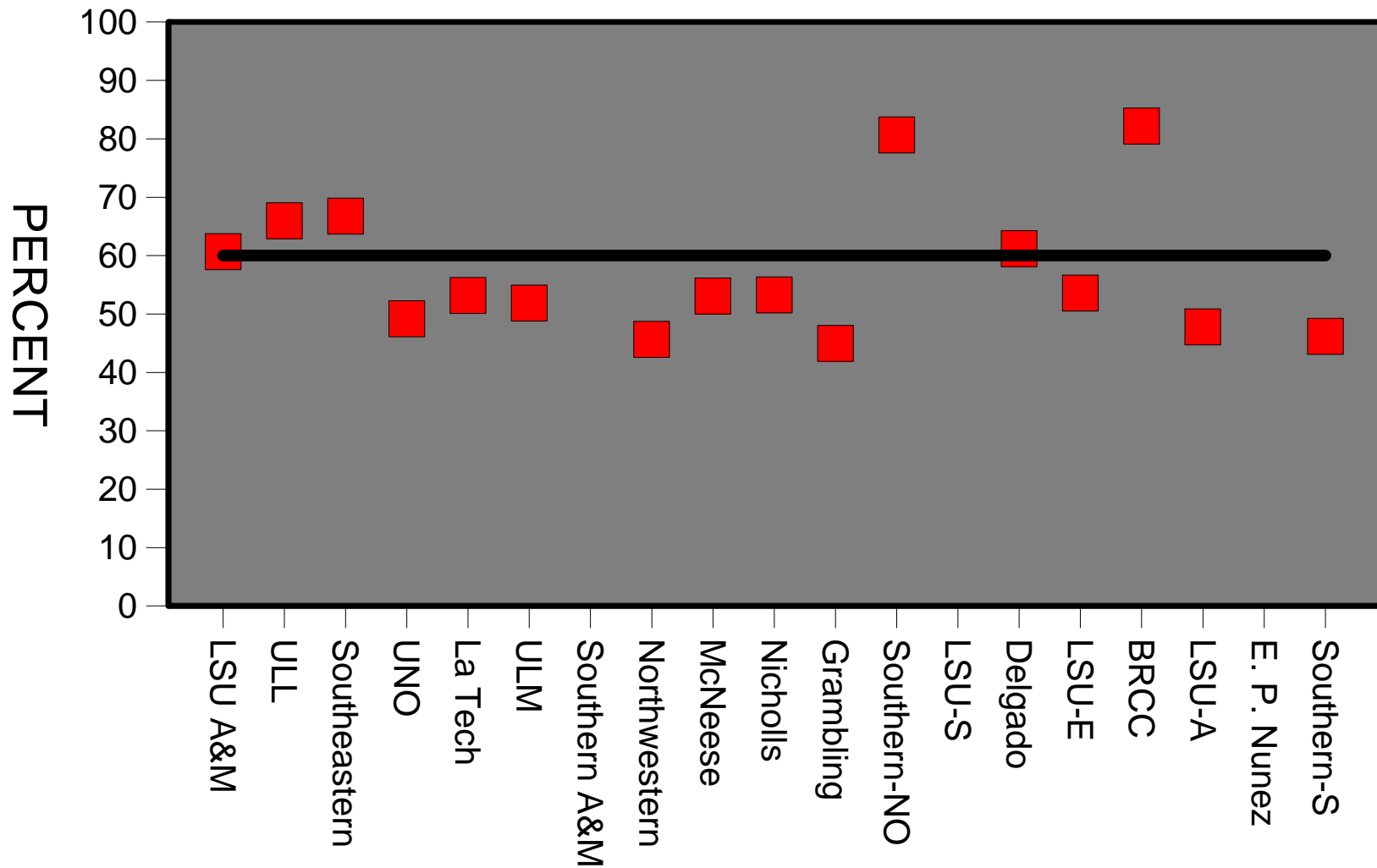|	FTE	CLASSROOMS	LABORATORIES
Institution	5,411	78.2	66.0

TABLE 7
PERCENT STUDENT STATION UTILIZATION OF OCCUPIED
CLASSROOMS AND CLASS LABORATORIES

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		1999	1998	1997	1996	1995	1999	1998	1997	1996	1995
PUBLIC FOUR YEAR INSTITUTIONS											
LSU A&M (Including Ag. & Law)	27,657	60.7	61.6	56.6	58.1	51.8	86.5	62.0	60.6	61.0	60.9
University of Louisiana in Lafayette	13,750	66.0	63.4	60.4	60.4	61.3	69.0	68.9	67.0	64.1	63.9
Southeastern Louisiana University	12,795	66.8	69.9	70.2	68.8	68.0	62.1	64.0	63.7	66.4	69.1
University of New Orleans	11,418	49.2	53.0	52.2	52.7	50.9	87.1	68.1	68.4	67.3	70.4
Louisiana Tech University	8,964	53.2	48.6	46.6	47.7	47.4	55.0	47.2	54.4	55.7	43.7
University of Louisiana in Monroe	8,778	51.9	56.4	56.2	57.2	57.6	69.5	65.4	61.5	58.3	57.7
Southern University A&M	8,739	**	64.8	64.8	71.2	63.9	**	81.9	82.6	89.6	98.3
Northwestern State University	7,656	45.7	47.0	53.6	55.3	53.9	51.9	46.1	47.1	50.1	51.3
McNeese State University	6,607	53.1	46.4	45.6	43.7	47.8	42.6	40.6	41.0	39.2	38.7
Nicholls State University	6,245	53.3	55.7	50.5	48.8	52.9	47.8	45.9	45.3	47.9	55.9
Grambling State University	4,373	45.0	44.0	40.9	53.8	48.6	63.2	68.2	62.2	106.8	59.7
Southern University at New Orleans	3,064	80.7	51.5	48.0	58.0	44.0	125.6	77.0	74.6	84.2	62.6
LSU in Shreveport	2,911	**	45.0	42.9	43.6	48.6	**	61.9	54.7	44.5	50.3
PUBLIC TWO YEAR INSTITUTIONS											
Delgado Community College	8,367	61.2	61.6	63.4	64.0	67.5	58.3	48.7	47.6	47.4	50.2
LSU at Eunice	2,022	53.6	45.2	48.1	51.7	51.4	73.8	55.1	55.6	34.6	36.5
Baton Rouge Community College	1,569	82.2					96.6				
LSU at Alexandria	1,485	47.8	44.3	50.2	47.0	51.9	74.0	53.9	57.4	58.6	53.2
Elaine P. Nunez Community College	1,282	**	**	**	65.5	69.2	**	**	**	44.3	41.9
Southern University at Shreveport	1,033	46.2	41.7	40.5	41.3	41.5	59.4	55.1	62.6	58.6	57.1

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 1999

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 1999

PERCENT

140
120
100
80
60
40
20
0

LSU A&M
ULL
Southeastern
UNO
La Tech
ULM
Southern A&M
Northwestern
McNeese
Nicholls
Grambling
Southern-NO
LSU-S
Delgado
LSU-E
BRCC
LSU-A
E. P. Nunez
Southern-S